NEBRASKA
WEATHER & CROPS

For Week Ending July 10, 1994

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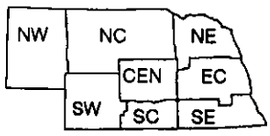
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged two to four degrees below normals across the State Precipitation occurred midweek with amounts varying from .75 inch up to 3.30 inches.

GENERAL

Weather conditions across the State permitted rapid wheat harvest as well as nearly ideal growing conditions for row crops, according to the Nebraska Agricultural Statistics Service. Rainfall, with some locally damaging hail, occurred mainly in the eastern half of the State, slowing fieldwork but proving beneficial to crop development and pasture regrowth. The northwest and southwest were irrigating crops as rainfall remained minimal. The hot, dry weather in these areas was stressing irrigated as well as dryland crops and further stressing grasslands. Producer activities included harvesting wheat, oats, and hay; moving farm-stored grains to market; and spraying for weeds

CROPS

Winter wheat harvest made excellent progress again last week with 72% cut by week's end, about two weeks ahead of the 5-year average at 38%. Harvest was slowed in most areas of the State during the week due to rainfall.

All corn condition was rated at 1% poor, 14% fair, 63% good, and 22% excellent. Irrigated corn was rated at 83% good or excellent while dryland corn was rated at 87% good or excellent The high winds on July 1 resulted in damage to corn fields as lodging or as "green snap." Damage ranged widely from minor lodging to severe stalk breakage within fields. Hail damage this past week was scattered and ranged in severity. Plant development in non-damaged areas overall made excellent progress last week with silking about one week ahead of normal.

Soybean condition was rated at 12% fair, 67% good, and 21% excellent, an improvement from the previous week. Weed control measures continued where plant growth and surface conditions permitted. Blooming was rated about a week and a half ahead of normal.

Sorghum condition also showed a marked increase from the previous week and was rated at 16% fair, 59% good, and 25% excellent. Weed control continued where possible.

Oat harvest progressed across the State to 23% complete. This compares with 18% for the 5-year average.

Dry bean condition was rated at 2% poor, 21% fair, 74% good, and 3% excellent. Six percent of the crop was blooming, compared with 3% last year.

Alfalfa condition was rated at 2% very poor, 8% poor, 25% fair, 59% good, and 6% excellent. Second cutting activities remained active although some "downed" hay was rained upon or delayed in baling due to humid conditions. Harvest was 52% complete Wild hay condition was rated at 3% very poor, 6% poor, 15% fair, 68% good, and 8% excellent.

LIVESTOCK

Pasture and range condition was rated at 88% of normal and compares with 105% last year. In areas receiving rainfall, grass regrowth was occurring Western pastures continue to show signs of drought stress. Most of the pastures in the west were still supporting grazing cattle, but some pastures were very short. Cattle in feedlots had reduced gains due to some muddy conditions.

FIELD WORK PROGRESS AS OF JULY 10, 1994	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn silked	0	6	19	3	29	6	47	57	23	2	1	9
% soybeans blooming	0	49	27	15	42	17	35	70	42	11	4	13
% alfalfa second cutting	10	24	46	76	60	72	72	89	52	36	18	32
% wheat ripe	94	96	100	100	100	100	100	100	98	79	40	68
% wheat harvested	39	28	20	48	64	96	98	95	72	43	3	38
% oats harvested	7	14	19	2	21	74	36	59	23	6	0	18
% dry beans blooming	6	80	48	6	0	2	11	0	6	0	3	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 8, 1994												
Days suitable	5 5	4 0	0 9	1.4	0 8	4 9	1.9	3 0	2 4	6.5	2 6	
Topsoil moisture - Short	75	0	0	0	0	69	0	27	15	56	5	
(Percent) - Adequate	25	68	36	83	41	31	91	66	53	44	32	
- Surplus	0	32	64	17	59	0	9	7	32	0	63	
Subsoil moisture - Short	87	0	0	17	0	85	0	7	16	26	3	
(Percent) - Adequate	13	91	86	83	82	15	100	93	76	73	53	
- Surplus	0	9	14	0	18	0	0	0	8	1	44	

n/a = not available

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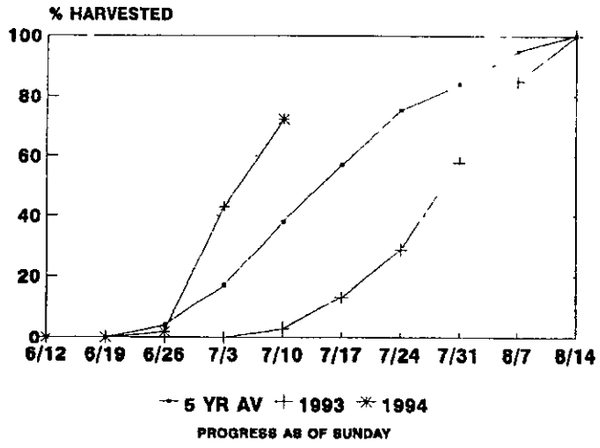
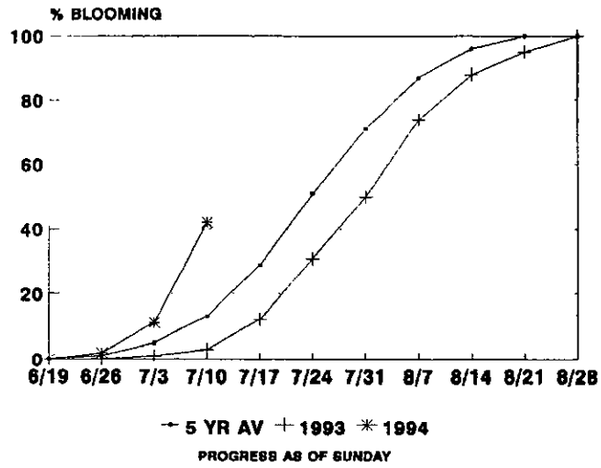
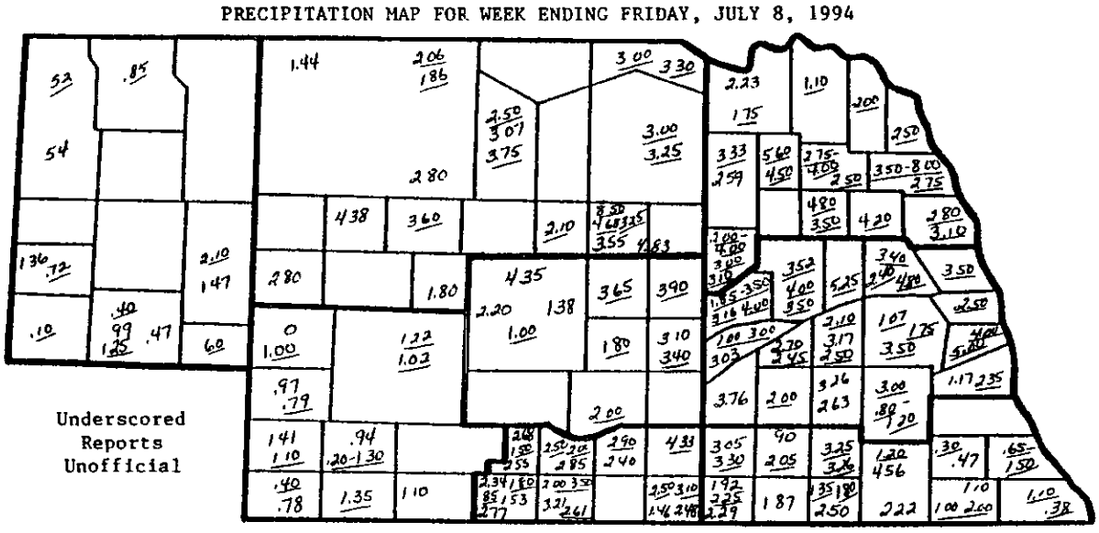
WINTER WHEAT HARVESTED FOR ALL PURPOSES



SOYBEANS BLOOMING



PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 8, 1994



PRECIPITATION, APRIL 1 - JULY 8, 1994

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	97	3 08	2 41	2 76	2 84	87	2 43	2 09
Total since April 1	5 24	10 22	9 95	10 23	13.15	6 42	10 86	11 55
Normal since April 1	8 47	9.88	11 33	10 69	11 91	9 00	10 65	12 11
Total as % of normal	62%	103%	88%	96%	110%	71%	102%	95%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, JULY 10, 1994

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	104	49	72	---	.71	---	---	---
	Scottsbluff	95	47	70	-3	1 13	1247	1374	1172
	Sidney	100	47	72	---	---	1156	1290	1057
NC	Valentine	99	47	71	-3	2 11	---	---	---
	Arthur	---	---	---	---	---	1169	1297	1062
	O'Neill	---	---	---	---	---	1196	1329	1237
NE	Norfolk	88	52	71	-4	3 30	---	---	---
	Sioux City	87	53	71	-4	2 14	---	---	---
	Concord	---	---	---	---	---	1268	1492	1311
	Elgin	---	---	---	---	---	1256	1390	1248
	West Point	---	---	---	---	---	1350	1497	1335
CEN	Grand Island	89	53	72	-4	1 57	---	---	---
	Ord	89	49	71	---	---	1297	1437	1274
	Wood River	---	---	---	---	---	1339	1487	1395
EC	Lincoln	91	52	74	-4	76	1445	1610	1450
	Omaha	89	55	74	-3	.85	---	---	---
	Central City	---	---	---	---	---	1364	1511	1421
	Mead	---	---	---	---	---	1357	1509	1412
	Rising City	---	---	---	---	---	1342	1489	1392
SW	Imperial	96	50	72	---	---	---	---	---
	North Platte	95	50	71	-2	1 00	1260	1398	1215
	McCook	---	---	---	---	---	1386	1539	1367
SC	Holdrege	---	---	---	---	---	1345	1497	1354
	Red Cloud	---	---	---	---	---	1377	1538	1406
SE	Beatrice	---	---	---	---	---	1381	1541	1402
	Clay Center	---	---	---	---	---	1362	1513	1370

1/ Precipitation totals not included in map above.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity The formula used to calculate GDD is Max. temp. + min temp divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.